

MASTER OF SCIENCE IN RADIOLOGICAL HEALTH SCIENCES

The Master of Science in Radiological Health Sciences focuses on cancer research and the role of ionizing radiation in inducing, diagnosing and treating cancer.

Learn more about the Master of Science in Radiological Health Sciences on the Department of Environmental and Radiological Health Sciences website. (<https://vetmedbiosci.colostate.edu/degree-programs/graduate/ms-radiological-health/>)

[Students interested in graduate work should refer to the Graduate and Professional Bulletin.](#)

Learning Objectives

Upon successful completion, students will be able to:

1. Apply knowledge of radiation exposure on health and of related fields, including radiation physics, radiation chemistry, radiation biology and statistics.
2. Apply knowledge of radiation exposure for the purpose of diagnosis and cancer therapy.
3. Formulate a hypothesis, design and conduct experiments, analyze and interpret data.
4. Function with some independence in multi-disciplinary teams.
5. Identify and solve problems associated with the effects of radiation exposure on health.
6. Adhere to the standards of professional and ethical responsibility of the field.
7. Communicate effectively both orally and in writing.